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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Charles W. Mitchell et al.

Title: METHOD AND APPARATUS FOR USING AN ON-BOARD/TEMPERATURE SENSOR ON AN INTEGRATED CIRCUIT

Application No.: 09/660,209

Filed: September 12, 2000

Examiner: T. Lau

Group Art Unit: 2863

Atty. Docket No.: 1001-0135

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**RESPONSE TO NON-FINAL OFFICE ACTION**

This paper is responsive to a NON-FINAL Office action dated February 3, 2003, having a shortened statutory period for response set to expire May 3, 2003.

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AMENDMENT

In the Claims

Please amend the claims to read as follows:

*B1 Sub*  
8. (Amended) The integrated circuit as recited in claim 2 further comprising: a second output terminal coupled to provide external to the integrated circuit an asserted signal when the temperature measurement indicated by the temperature sensor is above a second temperature limit value.

*B2 Sub*  
13. (Amended) A method comprising:  
measuring a temperature of an integrated circuit with a temperature sensor, the temperature sensor being a circuit within the integrated circuit;  
comparing the measured temperature to a first limit value stored in the integrated circuit;  
and